Air Quality – AQ02 Non-Major/Major Comprehensive Plan Approval for Fuel or Process Application

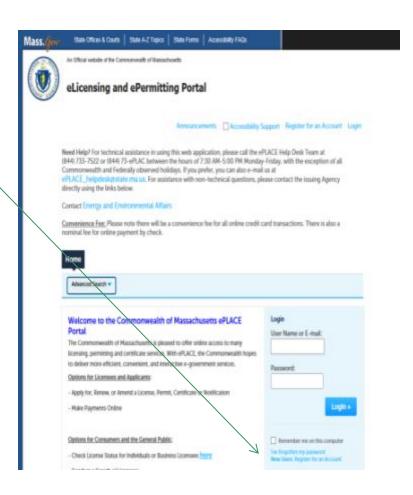
MassDEP, Bureau of Air & Waste





How to Apply

- Create or log into your account in eLicensing
- First time users click here
- Be sure to provide full name, address and contact information when setting up your account.





• Click here to start

Home

Dashboard My Records My Account Advanced Search ▼

Welcome
You are now logged in to the Commonwealth's eLicensing and ePlace Portal.

What would you like to do?

- File an Online Application

- Renew a License, Permit or Certificate
- Amend License, Permit or Certificate Information



- Read and accept the Terms and Conditions
- Click the checkbox and click "Continue"

File an Online Application

Online Applications and Record Authorization Form

Welcome to the Commonwealth of Massachusetts eLicensing and ePermitting portal. In order to continue, you must review and accept the terms outlined as set forth below. Click the "Continue" button in order to proceed with the online submission process.

In order to perform licensing and permitting transactions online, you were required to register for the eLicensing and ePermitting Portal. All registered users of the eLicensing and ePermitting Portal are required to agree to the following:

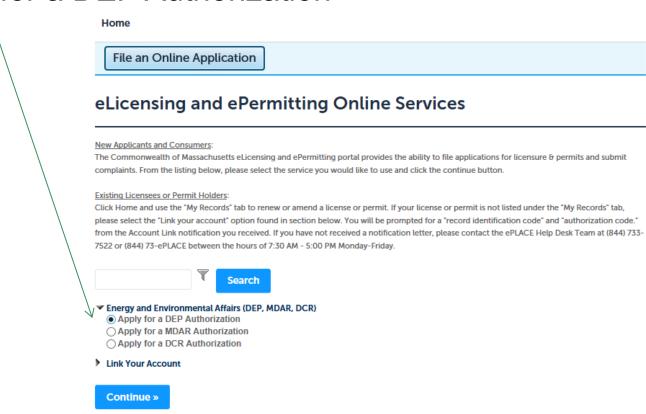
 Use of the Commonwealth of Massachusetts eLicensing and ePermitting Portal is subject to federal and state laws, which may be amended from time to time, including laws governing unauthorized access to computer systems. Online inquiries and transactions create electronic records that in some instances might

I have read and accepted the above terms.

Continue »

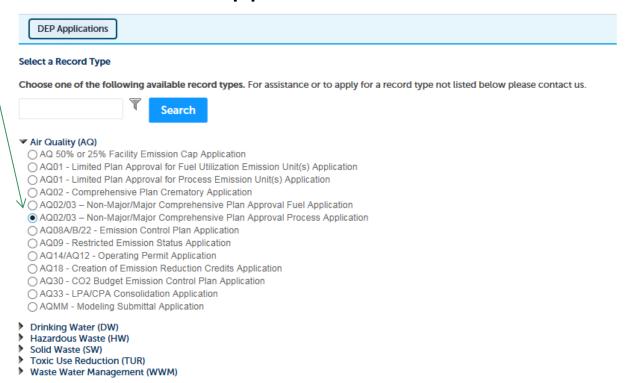


 Click on "Energy and Environmental Affairs" and "Apply for a DEP Authorization"





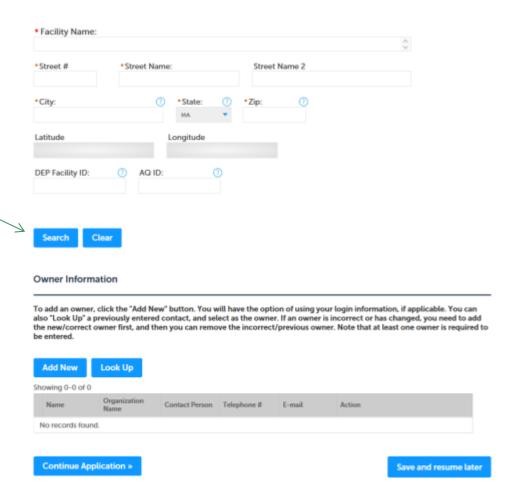
 Select the AQ02/03 form you would like to submit and click "Continue Application





Facility Information

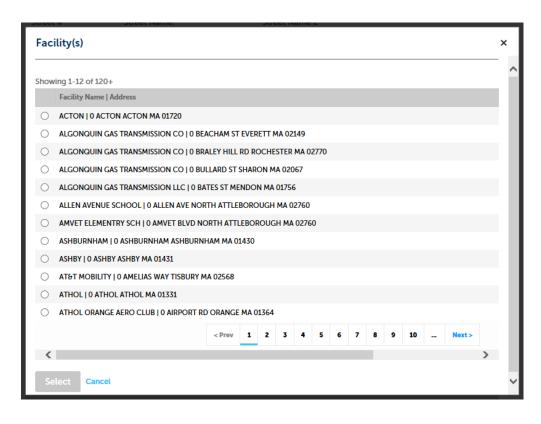
- Search for an existing facility by entering the name or address and click on "Search".
- If not found, click on "Clear" and search different or fewer criteria
- If still not found, add as new by typing in the facility information as required (see red asterisk)





Facility Information

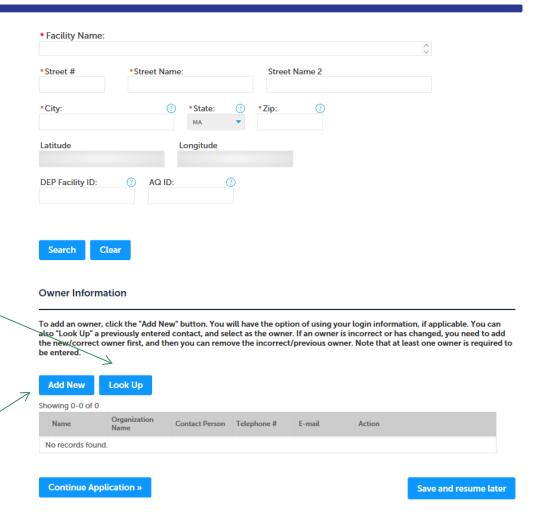
- Based on what you have searched for, a list will be returned with all possible matches.
- Click on the button to the right of the facility you are seeking and click "Select" or
- Click "Cancel and search again





Facility Information

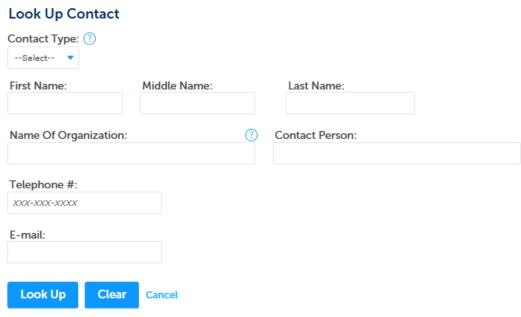
- Add owner Information
- Click "Look Up" to find Facility Owners already registered with DEP
- Click "Add New" if the facility owner is not already registered with DEP





Facility Information: Owner Lookup

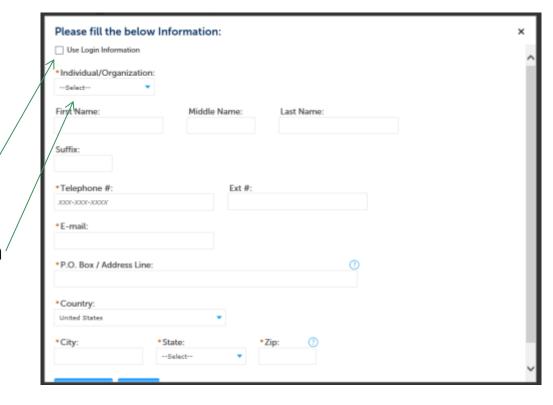
- If you chose to look up the owner:
 - Search for the owner by adding the name or other information then clicking "Look up"
 - If your owner does not come up, click "Clear" and try again





Facility Owner: Add Owner

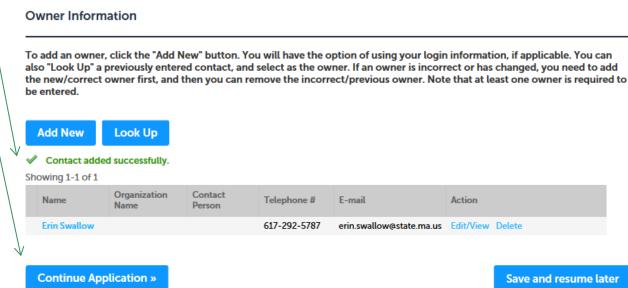
- If you clicked "Add Owner"
 - If the owner information matches your login information, check the "Use Login Information"/ box
 - Indicate if the owner is an individual or an organization
 - Provide all information in the new window that opens
 - Click "Continue"





Owner Information

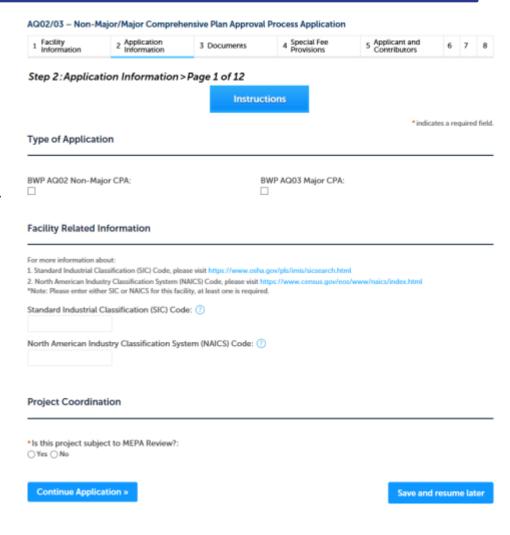
- You will see a message saying "Contact added successfully"
- Click "Continue Application"





Additional Facility Information

- Indicate the type of Application
- Provide the Standard Industrial Classification (SIC) Code:
 - For more information about SIC codes, go to: https://www.osha.gov/pls/imis/sicsearch.html
- Provide the North American Industry Classification System (NAICS) Code:
 - For more information about NAICS codes, go to: <u>https://www.census.gov/eos/www/naics/index.html</u>
- Indicate if the project is subject to MEPA Review.
 - For more information about MEPA, go to: http://www.mass.gov/eea/agencies/mepa/
- Click "Continue Application"





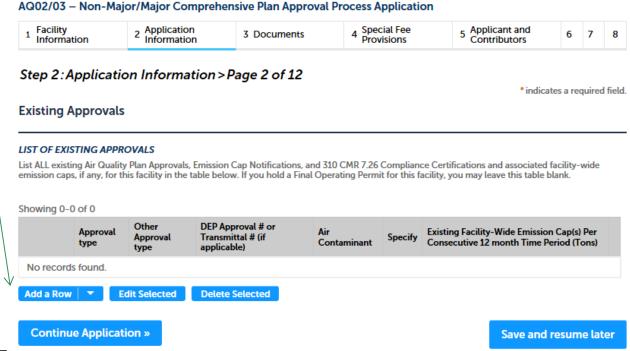
General Instructions

- All "Required" field are marked with a red asterisk (*)
- In order to make data entry more convenient, the Department limited the use of the "required" fields.
- That said, please make your application complete as possible. Just because a field is not "Required" does not mean that the information is not necessary for a complete application suitable for review and Department action.
- When in doubt- provide attachments.



Existing Approvals

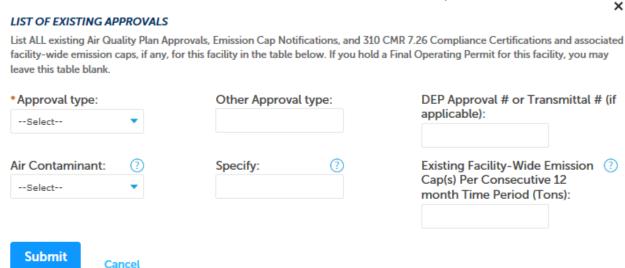
- If you have existing Air Quality Plan Approvals, Emission Cap Notifications and 310 CMR 7.26 Compliance Certifications associated with the facility's emission cap, add a row to the table for each existing plan approval
- Click 'Continue Application" when all approvals have been added





Adding Rows

- Clicking "Add a row" opens this window
 - Provide the requested information for each of your existing approvals, starting with "Approval Type"
 - Click Submit
- Repeat for each of your approvals

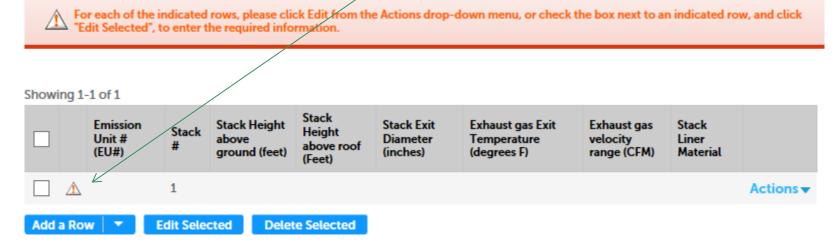




Editing Rows

- In order to edit rows in a table:
 - Check the box for the row to be edited
 - Click "Edit selected"
 - Provide the requested information
 - Click "Submit

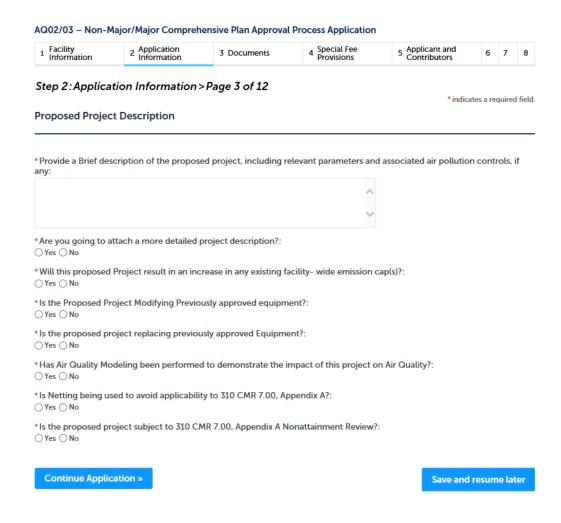
Note: An orange exclamation point indicates missing information and a row that must be edited





Proposed Project Description

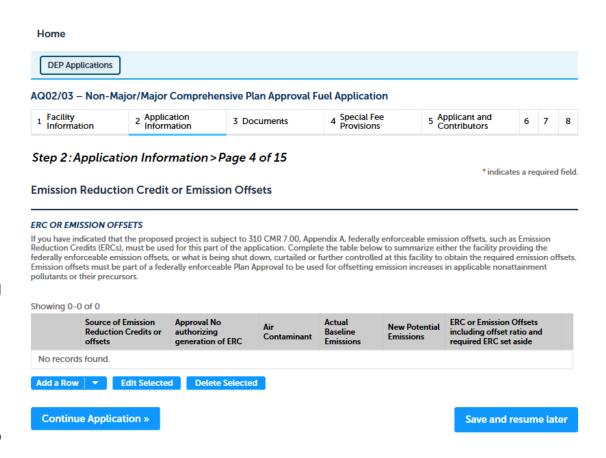
- Give a short description of your proposed project
 - Include parameters for any associated air pollution controls
- Indicate yes or no for each of the questions about your project proposal
- Click "Continue Application"





Emission Reduction Credits or Emission Offsets

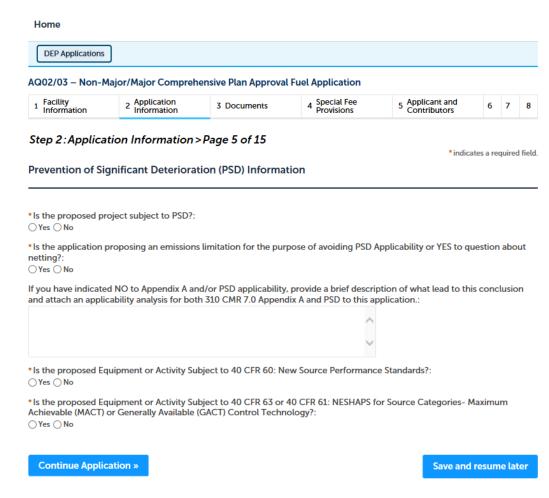
- If you indicated that your project is subject to 310 CMR 7.00, Appendix A, you summarize the offsets
 - Add rows for each source of credits or offsets by clicking "Add Row"
 - Edit existing rows by checking the box for the row and clicking "Edit Selected"
- When the table is complete, click "Continue Application"





Prevention of Significant Deterioration (PSD) Information

- Indicate if your project is subject to:
 - PSD
 - Emission limitations
 - New Source Performance Standards
 - MACT or GACT Control Technology
- Click "Continue Application"





Application Information

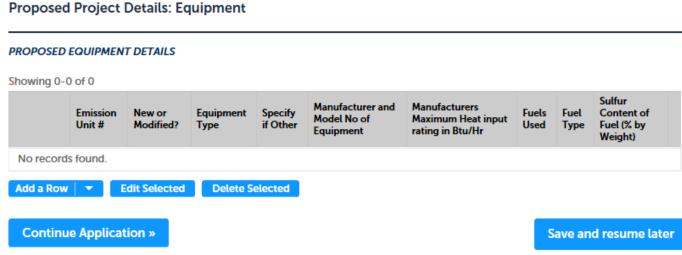
- List each applicable federal requirement
 - Click "Add Row" for each applicable part and give the requested information

AQ02/03 - Non-Major/Major Comprehensive Plan Approval Fuel Application Facility 2 Application Information Special Fee Provisions 5 Applicant and Contributors 3 Documents 7 8 Information Step 2: Application Information > Page 6 of 15 indicates a required field. Federal Applicability FEDERAL APPLICABILITY If any federal requirement is applicable, please provide the reference to the federal standard (Part and Subpart) such as 40 CFR 63 Subpart JJJJ. Other applicable requirements means any state or federal air program requirements not otherwise listed above including but not limited to Acid Rain, Greenhouse Gas Emissions Reporting, refrigerant leaks, or accidental release prevention program rules. Showing 0-0 of 0 Emission Unit # Part Sub Part No records found. Add a Row **Edit Selected Delete Selected**



Proposed Project Details: Equipment

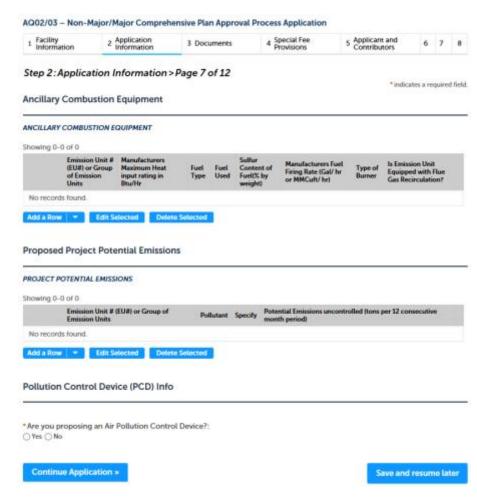
- If you have equipment as part of your proposed project
 - Add a row to the proposed equipment details table for each piece
 - Edit existing rows to provide complete information
- Click "Continue Application"





Application Information: Equipment

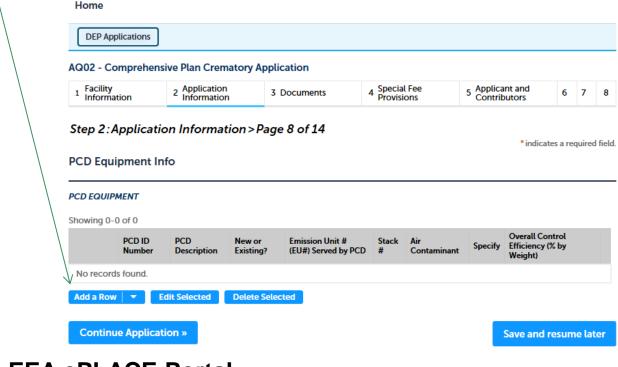
- If you are filling out a Fuel Application you will be asked about:
 - Turbine & Engine Output
 - Burners
- If you are filling out a Process Application you will be asked about:
 - Ancillary Combustion Equipment
- Add or Edit rows in tables to provide complete information, and answer all questions





Pollution Control Devices (PCD)

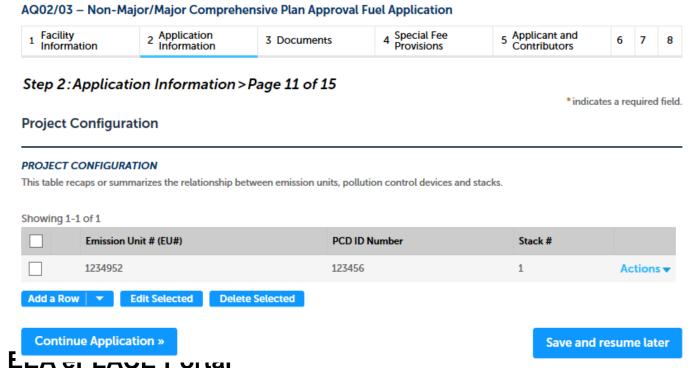
 If you indicated that you will use a PCD, "Add a Row" to the PCD equipment table to describe each piece of equipment





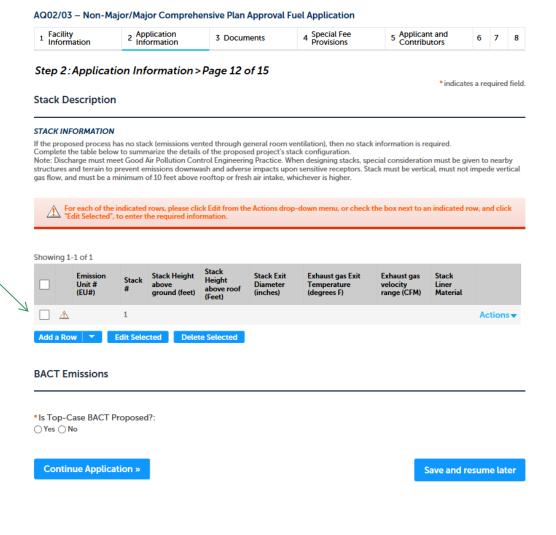
Project Configuration

- Project configuration summarizes the
 - If correct, click "Continue Application"
 - If incorrect, return to the previous page and edit the information



Stack Description & BACT Information

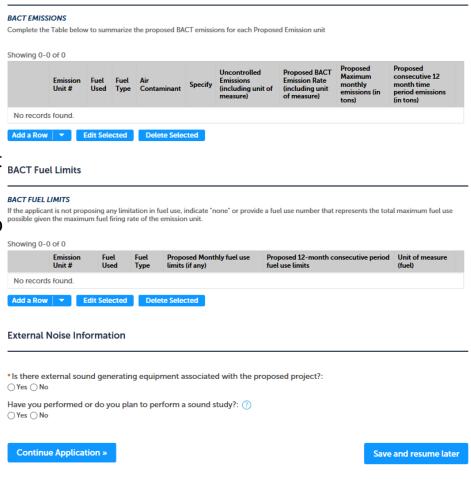
- Stack Information
 - Edit each indicated row to provide complete stack information
 - If you have no stacks, leave this table blank
- Indicate if you are proposing a top case BACT
- Click "Continue Application"





BACT Emissions

- If you indicated that you will have BACT Emissions:
 - Add a row to the BACT Emissions table for each proposed emission unit
 - Add a row to the Production/Operational Limits table to indicate any operational limits on emissions
 - Indicate if you are proposing sound generating equipment and have proposed a sound study
 - Click "Continue Application"

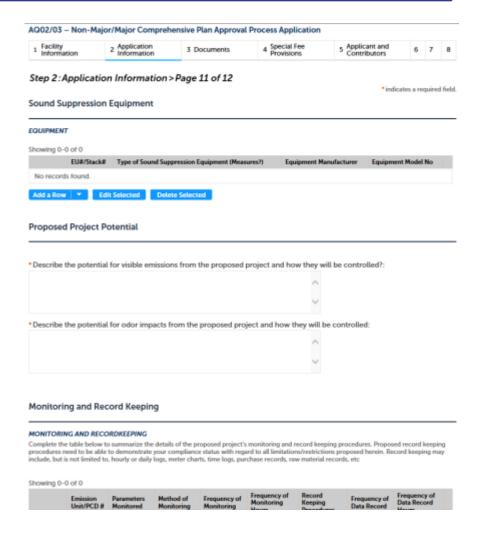




BACT Emissions

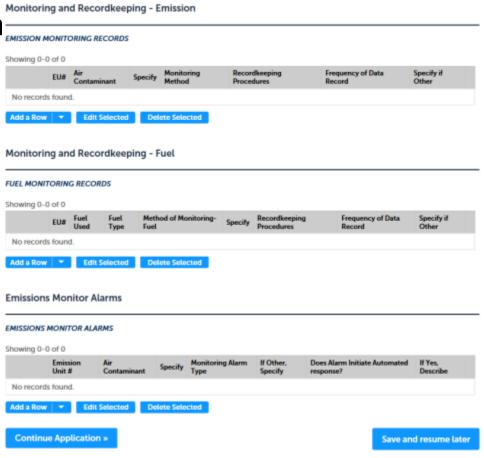
Sound Suppression & Project Potential

- Add a row to the Equipment table for each piece of sound suppressing equipment
- Describe the potential for other impacts, including:
 - Visible emissions
 - Odors



Monitoring

- Add and edit rows in each table to provide complete information for:
 - Emission Monitoring Records
 - Fuel Monitoring Records
 - Emission Monitor Alarms
- When all tables are complete, click "Continue Application"





Energy Evaluation Survey

- Answer the Energy Evaluation Survey
 - You must indicate yes or no to each question marked with a red asterisk, and each question relevant to your application

Step 2: Application Information > Page 12 of 12

*indicates a required field

Energy Efficiency Evaluation Survey

Do you know where your electricity and/or fuel and/or water and/or heat and/or compressed air is being used/consumed?:

Has your facility had an energy audit performed by your utility supplier (or other) in the past two years?: (2)

Did the audit include evaluations for heat loss, lighting load, cooling requirements and compressor usage?:

Did the audit influence how this project is configured?:

○ Yes ○ No

Does your facility have an energy management plan?:

○ Yes ○ No.

Have you identified and prioritized energy conservation opportunities?:

Yes No

Have you identified opportunities to improve operating and maintenance procedures by employing an energy management plan?:

○ Yes ○ No

* Has each emission unit proposed herein been evaluated for energy consumption including average and peak electrical use; efficiency of electric motors and suitability of alternative motors such as variable speed; added heat load and/or added cooling load as a result of the operation of the proposed process; added energy load due to building air exchange requirements as a result of exhausting heat or emissions to the ambient air; and/or use of compressors?:
O Yes O No

Has your facility considered alternative energy methods such as solar, geothermal or wind power as a means of supplementing all or some of the facility's energy demand?:

○ Yes ○ No

Select Applicable Supplemental Form(s)

EQUIPMENT DETAILS

Please click "Add a Row" and select the supplemental form(s) associated with your application. Supplemental forms are required for each air pollution control device proposed, and/or if you are not proposing top case BACT. Each application will include at least one supplemental form, the Certification form, to be used by the Massachusetts Licensed Professional Engineer (PE) and the Responsible Party for the applicant, to certify the application prior to submission.

Showing 0-0 of 0

Equipment Type

PCD ID #



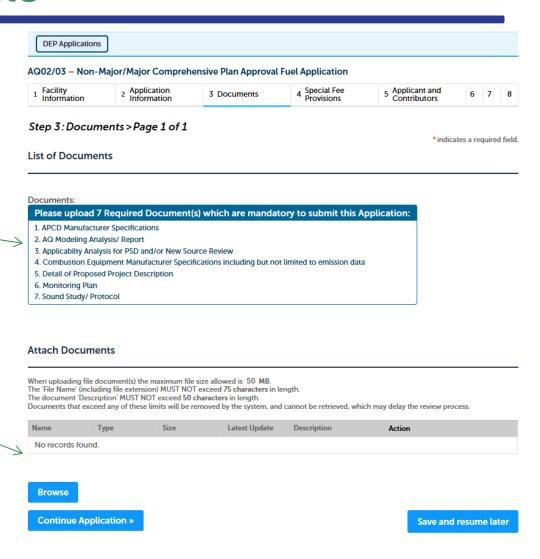
Equipment Details

- Add a row to the Equipment Details table for each supplemental form required for your application
 - Click Add a Row
 - Provide requested information
 - Click "Submit"
- Click "Continue Application"

Did the audit include evaluations for heat loss, lighting load, cooling requirements and compressor usage?: \bigcirc Yes \bigcirc No
Did the audit influence how this project is configured?:
Does your facility have an energy management plan?:
Have you identified and prioritized energy conservation opportunities?: $\bigcirc \text{ Yes } \bigcirc \text{ No}$
Have you identified opportunities to improve operating and maintenance procedures by employing an energy management plan?: O Yes O No
*Has each emission unit proposed herein been evaluated for energy consumption including average and peak electrical use; efficiency of electric motors and suitability of alternative motors such as variable speed; added heat load and/or added cooling load as a result of the operation of the proposed process; added energy load due to building air exchange requirements as a result of exhausting heat or emissions to the ambient air; and/or use of compressors?: O Yes O No
Has your facility considered alternative energy methods such as solar, geothermal or wind power as a means of supplementing all or some of the facility's energy demand?: \bigcirc Yes \bigcirc No
Does your facility comply with Leadership in Energy & Environmental Design (LEED) Green Building Rating System design $?$ recommendations?: \bigcirc Yes \bigcirc No
Select Applicable Supplemental Form(s)
EQUIPMENT DETAILS
Please click "Add a Row" and select the supplemental form(s) associated with your application. Supplemental forms are required for each air pollution control device proposed, and/or if you are not proposing top case BACT. Each application will include at least one supplemental form, the Certification form, to be used by the Massachusetts Licensed Professional Engineer (PE) and the Responsible Party for the applicant, to certify the application prior to submission.
Showing 0-0 of 0
Equipment Type PCD ID #
No records found.
Add a Row 🔻 Edit Selected Delete Selected
Continue Application » Save and resume later

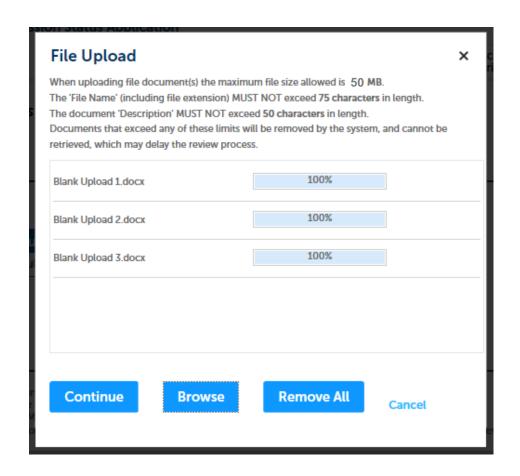


- Upload all required documents for your application
 - The required documents will be listed on the application—
- To begin attaching documents, click "Browse"



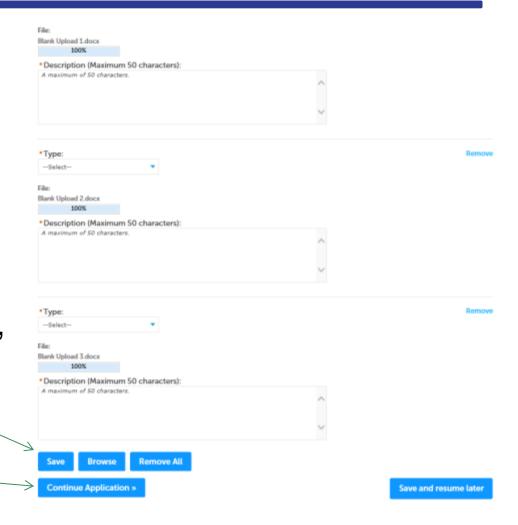


- A "File Upload" window opens
- Click "Browse"
- Choose the file(s) you want to attach
- When all files reach 100%, click "Continue"



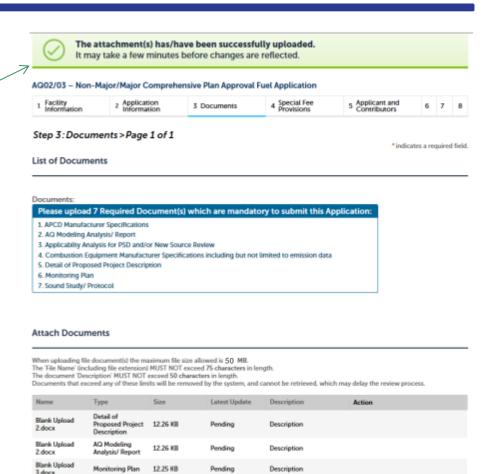


- Provide a description of each document that you uploaded
- Click "Browse" to add more documents
- When all documents are uploaded and described, click "Save"
- Click "Continue Application"





- You should see a message that you have successfully attached documents
- Review the list of attached documents
- When ready, click "Continue Application"





Blank Upload

Applicabilty

and/or New

Analysis for PSD

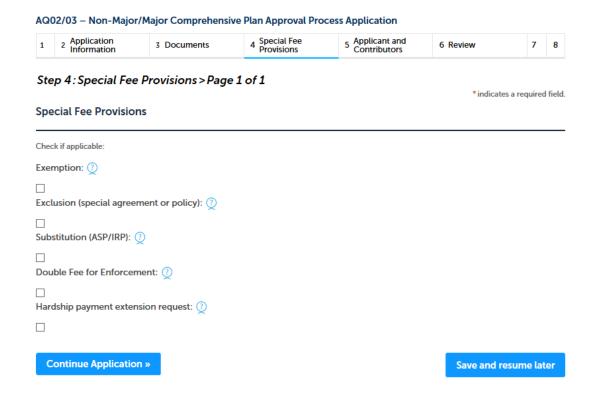
12.25 KB

Pending

Description

Special Fee Provision

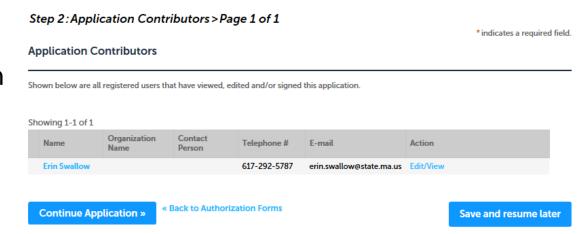
- Leave blank and click "Continue Application" if special fees do not apply to your situation
- If you have a Special
 Fee Provision (e.g., you
 are a municipal
 employee), check the
 appropriate box and
 provide requested
 information
- Click "Continue Application"





Applicant Contributors

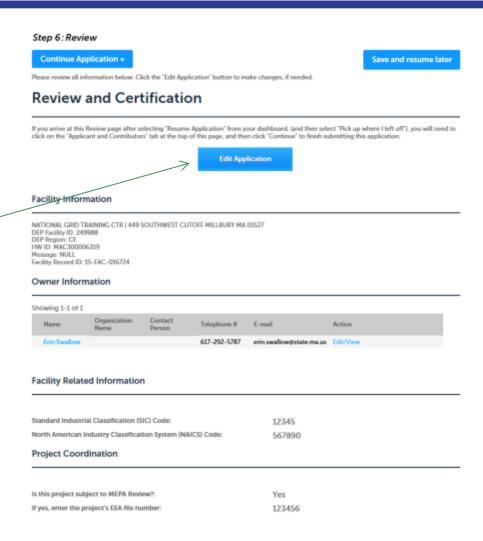
- Review the list of individuals who have viewed, edited or signed this application
- This certification must be reviewed by:
 - The Applicant
 - A Professional Engineer (PE)
 - The applicant and the PE cannot be the same person
- Click "Continue Application"





Review the Certification

- The entire application is shown on a single page for your review
- If you note something you want to change, click "Edit Application"
- Otherwise, continue to the bottom of the page and click "Continue Application"





Supplemental Forms

- Each Supplemental form is a sub-part to the main application
- You will have indicated which forms you plan at attach in an earlier table.
- Once the review of the main application is complete, the supplemental forms will be listed
- To change what supplemental forms are listed, you need to modify the table (see page 30 of this presentation)

Supplemental Forms

- You need to provide all supplemental forms indicated in your application
- Click "Start Application" for each form
- Complete each form
- You can save and resume at any time.

AQ02/03 - Non-Major/Major Comprehensive Plan Approval Fuel Application

1	2	3	4	5 Applicant and Contributors	6 Review	7 Authorization Forms	8 Pay Fees	9 Application Submitted
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Step 7: Authorization Forms

You have selected the following Authorization.

This section contains all of the supplemental forms you previously indicated you wished to include in this application. If you need additional forms, please go back to the Supplemental Forms table, add a row and answer the associated questions to add a supplemental form. To start filling in a supplemental form, click on the "start application" button. At the end of each form you will be given the opportunity to review and edit the form just completed or you can return to this page to start the next form or review and edit your completed form.

You must fill out the authorization form before you proceed to payment.

001. Electrostatic Precipitator Application

PCD ID: 123456

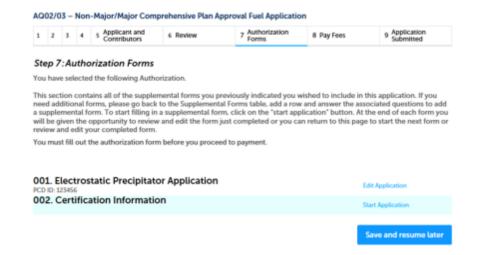
002. Certification Information

Edit Application
Start Application

Save and resume later



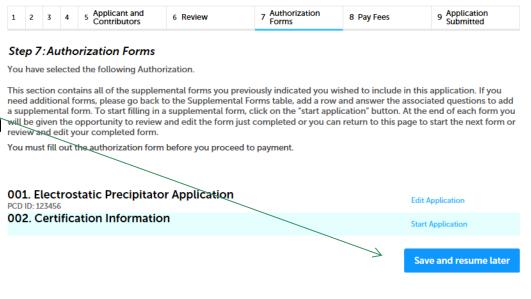
- Once the last Supplemental form is complete, a Certification form is created
- The certification form is completed by BOTH the Massachusetts Registered Professional Engineer (PE) and the Applicant/ Responsible Official





If you are the preparer:

- Click "Save and resume"
- E-mail the Application PIN to your PE
- The PE must log into ePLACE and click on "Start Application" for the Certification Information

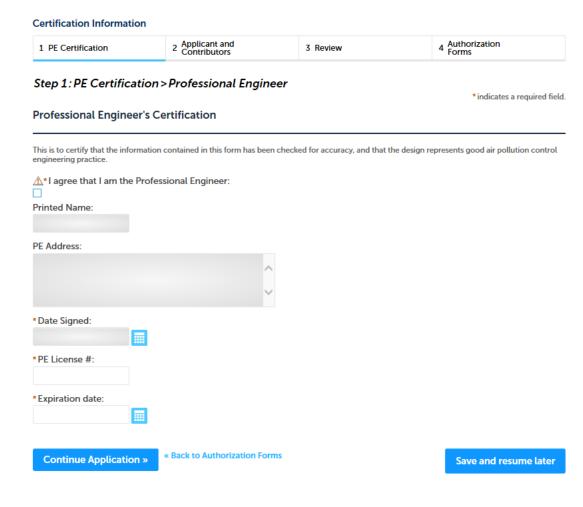


AQ02/03 - Non-Major/Major Comprehensive Plan Approval Fuel Application



PE Certification Information

- Once the PE activates the PIN:
- Click "Start Application" for the "Certification Information" on the "Step 7: Authorization Forms" page
- Provide the requested signatory authority information
- Click "Continue Application"
- Click "Save and resume later"



EEA ePLACE Portal

- The PE will be emailed an Applicant PIN Letter.
- The PE must forward this to the Applicant/ Responsible Official.

Applicant PIN, Authorization # 17TMP-002186, Authorization Type - AQ02/03 - Non-Major/Major Comprehensive Plan Approval Fuel Application

From: Auto_Sender@Accela.com

Sent: Wed, Mar 22, 2017 at 11:05 am

To: bharavi.butta@gcomsoft.com

NOTICE DATE: 3/22/2017 APPLICANT PIN - 081721739938

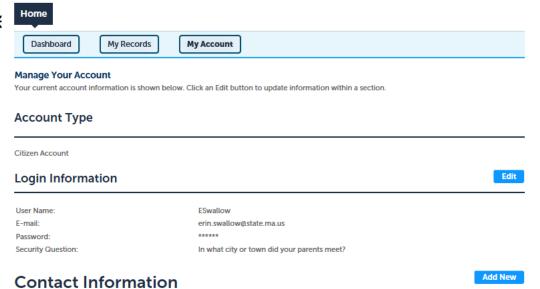
This PIN has been created in order for you to allow Applicant to review 17TMP-002186 application and certify it. You can choose to share this PIN with any registered ACA user who is Applicant of this application. That user will then have the ability to review and certify the application.

To learn more about the delegation, please see the FAQs: http://www.mass.gov/eea/agencies/massdep/service/approvals/



Activating the Applicant PIN

- The Applicant/ Responsible Official should Log into FIPAS
- Click "My Account"
- Click "Add New" on the contact information line
- Choose "Delegate" as the "Contact type"
- Enter PIN from the e-mail
- Click "Continue
- Return to "My Records"



Please select "Add New" to provide contact information. E-mail addresses must be current in order to receive important legal and other notices relating to your use of this Portal. An e-mail will be sent to the e-mail address provided during the registration process.

This contact information pertains to the account registration for this Portal. All other changes to contact information should be made through the application or amendment process with the applicable Agency.

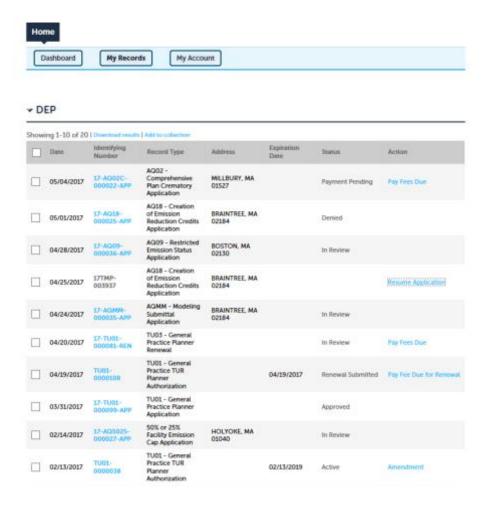
You can associate "Individual" type of contact with your registration.

Individual - Individual is a person. If you are a Sole Proprietor add yourself as an "Individual" contact.



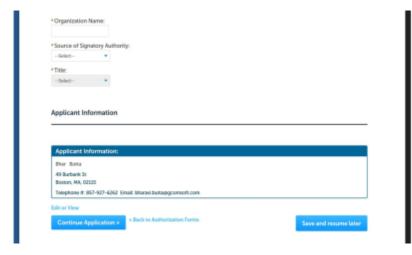
If you are forwarded an Applicant PIN

- Once you've added the contact, the application appears under "My Records"
 - Click "Resume Application"
 - Choose "Pickup where I left off"





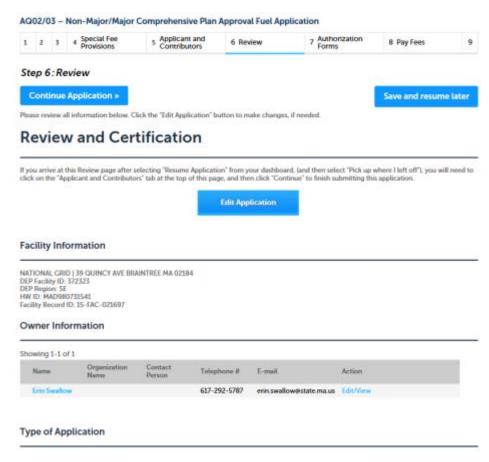
- The Applicants Name should now appear in the "Applicant Information" box.
- The applicant should enter the organization name, the type of organization and that persons title or means by which they are authorized to be the applicant (from a pick list).





Review and Certification

- The Applicant should Review the certification
 - You will not be able to edit the application after the PE has certified.
 - If the applicant feels that changes are needed, they should contact the PE and/ or preparer to make those changes.
 - The PE and applicant will need to re-certify after any changes have been made.





Certify & Submit

- Applicant Information is at the bottom of the review page.
 This should be the name and contact info for the responsible Official
- The Applicant should read and agree to the certification language provided by clicking on this box

Applicant Information

Individual Laurel J Carlson Boston, 02108 United States

Ext #: One Winter St 7th Floor

Telephone #:617-348-4095 E-mail:Laurel.Carlson@state.ma.us

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and, that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including possible fines and imprisonment.

In addition, I understand that any material supplied with this application will not be considered confidential unless I have specifically requested that such material be kept confidential and the Department has made a determination of confidentiality in accordance with 310 CMR 3.00.

I agree that I am the Applicant.

If you are not the Applicant then click on 'Save and resume later' button.

Date Signed:

Continue Application »

Save and resume later



Application Fee

- Both online payment and pay by mail are available
- Online payment will require a service charge
- Click the appropriate box to begin



AQ02/03 - Non-Major/Major Comprehensive Plan Approval Fuel Application

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Step 8: Pay Fees

Listed below is the fee for the authorization that you are applying for. The following screen will display your total fees.

Payment may be made by electronic check or credit card for a nominal processing fee. The electronic check fee is \$0.35 per transaction. Credit card payments are 2.35% per transaction. Clicking on the PAY ONLINE button will bring you to the secure online payments portal. Once you have made payment, you will be returned to your application for submittal.

Payment may also be made by mail. However, review of your permit will not begin until payment is received. By clicking on the Pay by Mail button, you will have submitted your application. You will receive a notification email with the location and address to send your payment. That information is also available in the instructions for this authorization.

Application Fees

Fees	Amount	
AQ02/03 – Non-Major/Major Comprehensive Plan Approval Fuel Application	\$24,303.00	
AQ03 Application Fee	\$24,303.00	

\$24,303.00

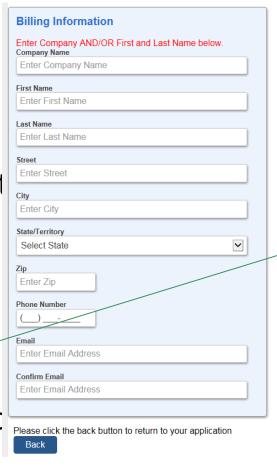
Pay Online »

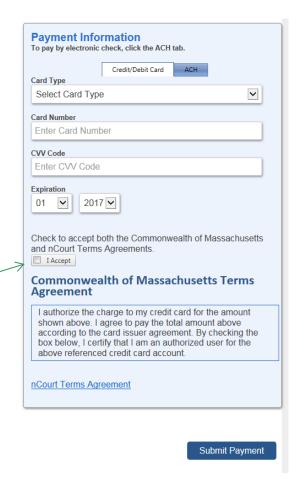
Pay by Mail »



Pay Online

- If you choose "Pay Online", you will be brought to this screen
- Provide all payment and billing information
- Accept the terms and conditions
- You will be e-mailed a receipt







Pay by Mail

- If you chose pay by mail, check your e-mail for instructions
- We will not review your application until we receive payment

NOTICE DATE: 5/24/2017

Thank you for submitting your online authorization application form for authorization type: AQ02/03 - Non-Major/Major Comprehensive Plan Approval Fuel Application. Your Application Number is: 17-AQ02/03F-000019-APP.

Payment online: If you have paid online by credit or ACH you will receive an additional notification that your payment is complete. Review of your application will begin. You will also receive a notification from the epayment vendor that your payment is complete. That notification will include a Reference ID # for your records.

Pay by Mail: If you chose the "Pay by Mail" option, please make your payment in the form of a check or money order made payable to the Commonwealth of Massachusetts. Do not send cash. You must include your Application Number 17-AQ02/03F-000019-APP on the check or money order that must be sent to the address below.

Department of Environmental Protection PO Box 4062 Boston, MA 02211

Review of your application will not begin until after your payment has been received and processed.

Fee Exempt Status or Hardship Status Requested: If your application indicated a Fee Exempt Status, MassDEP will review your request. If your fee exempt status is not approved you will be contacted with instructions for paying the fee. If your application indicated a request for hardship status, your request will be reviewed and you will be contacted with the final determination.

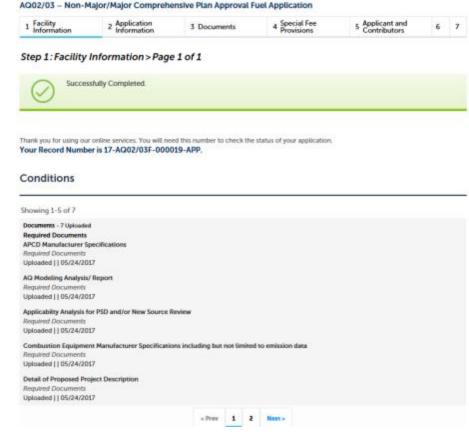
You can track the progress of your submission through the review process at the following link: https://permitting.state.ma.us/citizenaccess/. Review of your application will now begin.

Please email any questions or concerns about this notification or this application to: EIPAS@massmail.state.ma.us



Submission Successful!

- When you submit your certification you will receive this notice.
- You will also received a Record ID so you can track the status of your application on line
- Go to your "My Records" page to see the status of an application





Questions?

- For technical assistance, contact the ePlace Help Desk Team at (844)
 733-7522 or ePLACE_helpdesk@state.ma.us
- For other questions, contact your regional office. You can lookup your regional office and their contact information at:
 http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-office-for-your-city-or-town.html



